

# **Enterprise Services Center**



## **Statement of Work**

**Data Center Services Division  
for  
Mike Monroney Aeronautical Center**

**Period of Performance March 01, 2011, through  
February 29, 2012**

Version Number: 2.0

Date: September 29, 2010

Prepared By: Data Center Services Division  
For the Office of Information  
Technology

## **1.0 Introduction.**

The Federal Aviation Administration's Systems Management Facility (SMF) is the ESC's Data Center and is FAA-authorized. The SMF is currently undergoing initiatives to improve efficiencies and increase the potential for new growth. These initiatives include possible options to optimize the existing facility and/or lease data center capacity. Currently the SMF provides financial systems hosting for ESC, general hosting services for AMC, ESC, and other government agencies. Hosting services are paramount to the future growth of the ESC data center.

Work is to be accomplished for the Federal Aviation Administration (FAA), Mike Monroney Aeronautical Center (MMAC), Office of Information Technology (AMI-1).

### **1.1 Organization:**

**1.1.1 Identification:** Department of Transportation (DOT)/Federal Aviation Administration (FAA), Office of Information Technology (AMI-1), Data Center Services Division, (AMI-300).

**1.1.2 Mission:** To provide the safest, most efficient aerospace system in the world.

### **1.2 Project Background and Objectives:**

The Office of Information Technology (AMI-1) provides data processing support, including system design, programming, implementation and system support for the Mike Monroney Aeronautical Center, the Federal Aviation Administration, the Department of Transportation, and other governmental agencies and departments.

AMI-300 provides technical services and resources for the user community when information needs and support services materialize. The services include project management and contract administration for technical services.

## **2.0 Technical Services Required**

### **2.1 Scope of Work**

Conduct an analysis of existing and new systems to provide long range goals for the SMF.

- Provide System Architecture Analysis and Assessment for all systems within the SMF
- Provide System Architecture Modernization Analysis and implementation

- Provide System performance Tuning and capacity planning for Linux and Windows Servers and NetApp and HP San Storage system.
- This deliverable will be application to the following systems Delphi, FAA PRISM, ESC PRISM, SWIFT, CASTLE, ECM,
- Provide operations Support and troubleshooting.
- Provide datacenter planning and support

## 2.2 Objectives

In general terms, the Contractor must provide valid information pertaining to the options described in the Scope of Work 1.2 in order that ESC Board will be able to determine which option best supports the strategic initiatives of the ESC organization.

## 3.0 Skills

Skills require 10+ years IT experience of which 2 years must be previous system architecture experience. Knowledge of Storage Area Networks (NetApp and HP EVA) , Linux, Unix, Data Center Layout and configurations, and troubleshooting skills.

## 4.0 Deliverables

Task No.	Task Name	Deliverables	Completion Date
1	Analysis of Existing and new Systems	Deliverable 1: Validate System Architecture Analysis and Assessment	On-going
		Deliverable 2: Validate System Architecture Modernization and Analysis and high level implementation strategy	On-going
		Deliverable 3: Validate Performance Tuning and capacity planning for Linux and Windows Servers, NetApp and HP SAN Storage	On-going
		Deliverable 4. Operational support and troubleshooting	On-going
		Deliverable 5 Datacenter planning and support	On-going
		Deliverable 6 Bi-weekly Project Status Report	

### **3.1 Other Considerations**

Unplanned project considerations shall be addressed in the Bi-weekly Project Status Report. Deliverable documents and associated activities must be supplemented with others when deemed necessary by the SMF to handle any unplanned project considerations that may arise. Any changes to this task order will be identified on the Statement of Work and will be negotiated accordingly by the contracting office.

### **4.0 Place of Performance**

The SMF will provide , the contractor with facilities/space with telecommunications, PC, local area network access including printer and other office equipment, and Internet access for use in performance of this contract. Contractor will perform work on site at the following government facility:

Mike Monroney Aeronautical Center  
Data Center Services Center Division  
Facility and Systems Branch  
6500 S. MacArthur Blvd.  
MPB Room 136  
P.O. Box 25082  
Oklahoma City, OK 73125

### **4.1 Period of Performance**

Period of performance will be from March 01, 2011 – February 29, 2012.

### **4.2 Work Hours**

The contract personnel while at the FAA site, must routinely work within the hours of 0600 through 1800 Monday through Friday, or as otherwise agreed upon. Occasional weekend work may be required.

### **4.3 Estimated Travel**

Travel may be required for this task. All contractor travel must be coordinated in accordance with the terms and conditions of the contract.

### **5.0 General/Miscellaneous**

All programs, input, output, and documentation associated with this task are the sole property of the U. S. Government. FAA recognizes that ownership restrictions associated with software licenses may apply.

### **6.0 Unique Reporting Requirements**

Technical progress reporting/review meetings/teleconferences must be conducted once a week between the COTR and the contractor representatives. Included in the reporting must be a weekly update of hours completed by each contractor resource in the previous week and in the entire project to date. Also, each update (both weekly and to date) must categorize the resource

(employee) hours according to the module, business function, or milestone supported.  
Additional meetings may occur when necessary and will be coordinated via the COTR and the